AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

Abstract

To generate a high-power modulated radio frequency signal S_{OUT} from an input low or medium frequency information signal S_{IN}, the information signal is pulse-shaped in a quantifier to form a digital signal S_D having discrete signal values. The digital signal is processed in a switching unit comprising switches for each signal value, in radio frequency wave generators for each switch generating carrier waves of radio frequency, and in control circuits for each switch to control the opening and closing thereof. When a switch is closed, its associated generator is connected to the output line of the switching unit, and when it is opened, the generator is disconnected therefrom. In the switching unit, a switched radio frequency signal S_{SW} carrying the information of the input signal is formed by opening and closing the switches when the digital signal adopts or does not adopt, respectively, the signal value associated with the respective switch. The switching is thus controlled by the signal values of the digital signal. The switched signal on the output line of the switching unit is filtered by a filter for achieving the high-power, modulated, radio frequency signal S_{OUT}.

~~(FIG. 2)~~